

SEQUENCE LISTING

<110> Shimkets, Richard A.
Leach, Martin D.

<120> cSingle Nucleotide Polymorphisms for Known Genes

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51

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<210> 69

<211> 51

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51

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51

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AATTCAACCC ACTCATCTAT GGCAACGATG TGGATTCTGT GGATGTTGCA A

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CTCAGCTTTT GCAGTCATCT GGTCCACCTA GCACTCCCTC CTCTCCTCGG C

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51

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CGGAATACCT GGCCATCACC TCTGAGAGCA AAGAGAACTG CACGGGCGTC C

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<223> Accession number cg21413267

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AGAGTGGCGA GTGGGTCATC GTGGATGCCG TGGGCACCTA CAACACCAGG A

51

<210> 92

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ACAACACCAG GAAGTACGAG TGCTGTGCCG AGATCTACCC GGACATCACC T

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GTCTAGGATG GAGATCCTAC AAACATGTCA GTGGGCAGAT GCTGTATTTT G

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TTACGTCGCC AAATTCCCAG GGCACGTTGC GCACGAACTT CAGTACGGGA T

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TCCCTGTGAC CCAGGCAGGT GCATGGGTGA CACTGGTCGT GACCTGGCCA G

51

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CGGCACACAG GCCGCTCGCC GGAGCTGTGG CCCACCCCCA GCCCCTGGCC A

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AGAGCCACTA CAAGGTGGAC TACTCGCGTT TTCACAAGAC CTACGAGGTG G

51

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51

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GCAGGATCAC CTGCACCCTC TTGGGGACCA TGATGCTCAT CCAGCTGTCT A

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51

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51

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51

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51

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51

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51

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51

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51

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ACATCCAGGT GGTGTTGAC GCCGTTACCG ACATCATCAT TGCCAACAAC C

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AACCAGCCCCA CTGTGAGAAG ACCACCGTGT TCAAGTCTTT GGGAATGGCA G

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51

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TAGCAGCCAG GTGACATGGC CAGGCTACCT TCCTGTACAG GCACTGTGGG C

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51

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51

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TCTTCCTTCT CCAGCCGGCA GGCCCGCGCC GCTTAGGAGG GAGAGCCCAC C

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CCTGGAGGCA ACTGGGTAGG GTGCACAACG GCATGCTTTG GCTGGAACAC G

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GTCCTTCGCT CCTGAGCACC AGGTTTCAGTC TCCAGGAAGG GATTTGGTGA A

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GATACCTTTG CGTGGATCAA GCTTGCTGTA CTTGACCGTT TTTATATTAC T

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CAAAAAAATT TATAAACTAA TTTTGGTACG TATGAATGAT ATCTTTGACC T

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CCTCCTTCTC CCCCTTTCCC CTCCCCGCCC CCACCTTCTT CCTCCTTTTCG G

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CACATGTGGG GACAGGGCTG GTGTGCCTGC TCCCAGCCTC TTGCTCAGAG C

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CTAAAGTCGG AGTATCTTCT TCCAAAATTT CACGTCTTGG CGGCCGTTCC A

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TTTCTAGAGG GGGTCTGTTG AAGATATGTA ACTAGTACAC CCCAACCCCC A

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CCCAACCCC CAACCTCAGT GGAAAGCAAT GCCCAGGGAT TAGGCTATGG A

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51

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TGTCTTTGAA GAACATGCAC TTGGCGCGGA TGGCACAAGC AAAATGGTAG A

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51

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51

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TGAAACTTGA AACCGCCTCT GGAGCTGCCA TTCTGCAGAG TATTTGAAAA A

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51

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51

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CCCAACCTGG GTTTGGCAGA CATCAGAATG ATGGAGTACA TTTTGCAGAT A

51

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<400> 274
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51

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51

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<400> 276
AGCCTTTGTG CTCCCACTCA ATACACAAAG GCCCCTCTCT ACATCTGGGA A

51

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51

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AGCAACTTGG CTGAGCCCCA CTACATACAG AGAAATCATC AACCTGACTT A

51

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TAAGAGTTTT CAAGATGTCA AACTTAAGGC TGATCAGCAG ATGGGATGTG A

51

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51

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AACGTCGATT CGCACCGTCC AACCTGCCCC GCCCCTCCTA CAGCTGTAAC

50

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50

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51

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<223> Accession number cg43917718

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AGACGTGTCT GCCACAGGTC TCAGGGTAAC AGATGCCCTG TCCACTGAGA G

51

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<223> Accession number cg43928048

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<223> Accession number cg42714751

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<400> 287
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<210> 288
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CCACCTCCAT CCCAGACAGG TCCCTGCCCT TCTCTGTGCA GTAGCATCAC C 51

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51

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TCAGGAGCAA GGCGAATGTA TGACACCATG TCCACAATGG TGTACATAAA G

51

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CTAGCTTCCC TTCCATTCA ACACACACAC ACATTCTTGC TCTACCCAAA G

51

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TGTCTCAAAC CCAGCTTGCC AGCTCCAATG TACCAGCAGC TGAATCTGA A

51

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51

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<400> 296

CGAGCGGCAC CCAGAGCCTG CACCCGCCCT CACCGTCCTT CTGCGTCCCC C

51

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51

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CGGTCAAGAC CCGCAGCACC AAAGCGCCGC CCCCACCT GCCCCTGTCG C

51

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51

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51

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51

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51

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47

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TCTGTAGAGC TCTGAAAAGG TTGACGATAT AGAGGTCTTG TATGTTTTTA C

51

<210> 307

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<223> Accession number cg43969460

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AATTAAAACT CTAGGTGTAT ACTTACATGG AACTAGTTTA TTCCTATTT A

51

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TGCTCGCGCC GTGCCACTAA GGTCATTCCC GCCTCCGAGA GCCCAGAGCC G

51

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51

<210> 312
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CCTCTTACCC TCTCTCTCTG AACATTGTAA ACAACAGACT TACGTTAAAC T

51

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CAAAATGTAA CAGTGGCTTT TCAACGGGAG TAAAGCAAAG TCTCTAAAGC T

51

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AAAGATGTTT GAATACTTAA ACACTATCAC AAGATGGCAA AATGCTGAAA G

51

<210> 315
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51

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CACTTAACTT GCATGTGCAC AGCTTCTGGT AACAAATATC GCTAAACCTT A 51

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<400> 318
CAATCAGAAT TGATAAGCAC TGTTCTTCCA CTCCATTTAG CAATTATGTC A 51

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<400> 319
TCCATCCCTC TTTTGGGCTC TTCTGCAGGG AAGTAACATT TACTGAGCAC C 51

<210> 320
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51

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CGGTCCGTGG TCCCCGGGGG CGCAGGTCGC AGCGCTCCCG CCCTCCAGGC G

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CCGCTGTCTC TGTCTTCGCT TTTTATTCAA GAAGAATAAT GCGACGAAAA T

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<400> 328
CCACTTCTCT GGGACACATT GCCTTTTGTT TTCTCCAGCA TGCCTTGCT C

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CTTTCACCTTG GTGCTGGAGA ATTCAGAAAGT CAAGAACATG CTAAGCATAA G

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TTCAAAAAGTC AAGAACATGC TAAGCGTAAG GGACCCAAGG TAGAAAGAGA T

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51

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51

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51

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51

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51

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<223> Accession number cg2751286

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51

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CAGCCGGGAG CTCTGCCAGC TTTGGTGAAG GAGGGTGCTT GCCTCGTGCC C

51

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CGGGAGCTCT GCCAGCTTTG GCGAACGAGG GTGCTTGCCT CGTGCCCCTT G

51

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51

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CCAACCCTAG GGAATCAACA CTTAATATAA TTCGCCACTT CTCCTCTTTC T

51

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51

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<400> 356
TGCGCCGGAC CACGACGTCA CGCAGGAAAG GGACGAGGTG TGGGTGGTGG G 51

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<400> 357
GCAGGTCTTC TTTGAAGGCC TATGGCAATG GCTACTCCAG CAACGGCAAC A 51

<210> 358
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<400> 358
ATTGTAGTAC AAATGACTCA CTGCTATAAA GCAGTTTTTC TACTTTTAAA G 51

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<400> 359
ATAAACTTAG AATAAAATTG TAAAAATTGT ATAGAGATAT GCAGAAGGAA G 51

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51

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51

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GGGGCCGGGC ACTGCCCAGG AAGGGGCTCC GGGAGAGGGA GCCGGCGGCT G

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AGACGAAGAC CCCAGGAAGT CATCCCGCAA TGGGAGAGAC ACGAACAAAC C

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CCCACGCCTG CCAGGAGCAA GCCGAAGAGC CAGCCGGCCG GCGCACTCCG A

51

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<223> Accession number cg43928515

<400> 366
AAACAAATAA GCCCTTTTCTA CTGACGATGC ACCCAACCTT TTCAGCTGAA G 51

<210> 367
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<400> 367
AGAGTCAAAA ATCCAAGTTT GGATTGTAAG CAGCCTTGAC AGTAATCACT G 51

<210> 368
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<400> 368
AAGCAGCCTT GACAGTAATC ACTGAGTGGT AGGGAAAAAA AGACAGTTGG G 51

<210> 369
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<400> 369
AGGCAAAAGC TCACAGTAAA TGTATCCCAG AACAGGGGCC TAAGTGAAGG T 51

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CTGCTCCCAN CTTCGCCAGC CTCCAGTGTA CAACTTCCGC GTGTAGTGGG C

51

<210> 371

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GATAGGACTC AAGCTTATTT GGGATTCTGA TCAATTCTTT CTGATGTTGT T

51

<210> 374
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TACAGCCATC TGTACCTACT GGAGCTGCAG AAGGGAAGTC CACTCAGTCA C

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<210> 375
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AGCAGTGCAG CCCCCGGCGC GAGCAAGGAG CCTCGGCCCCG CGCCCCGGCGC C

51

<210> 376
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<400> 376

GAGAAAAAGC ATGGTACCCA ACCGATTTTC CACTTTTCAG CAATACTTCA C

51

<210> 377
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TAAAGTTTTA AGAAATGTCA TAATGTCATG AGCTTGAAAT ATCTCTAGGC A

51

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51

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AAATAAATGT TTTCATAGTC ATTACACTTT ACAATGGGAG TGCTAAAATT C

51

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AACTGGGTTG CTCTAAGAAC TGATGCCTAA ACCGTCTCAG CATGGCCTGT A

51

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CAATGCATGA ATCTGTACCC TTCGGAGGGC ACTCACATGC CGCCCCCAGC

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<400> 382
TTGTTTCATGA TTTCTTGATG TTCCTTAATG GAAACTAAG AGATGGAATT

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GCCGAGTCCG CTGGTGGGCG GACCCTAGGG GAGCAGCCAG TAGGGAAGTT G

51

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CCGAGTCCGC TGGTGGGCGG ACCCATGGGG AGCAGCCAGT AGGGAAGTTG G

51

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ACAATTCAGA GAGGGAGACT GAGCATACAC CAGCATTGAT CATGGTGCCA A

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<221> misc_feature

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<221> misc_feature
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AGCGAGTCCT CCGGGAGGCC CACAGGTTAC TGCCTCCAGC TGCAGCAGTG A

51

<210> 643
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<221> misc_feature
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<400> 643
CGTTCCAGAG GAGCATATCT GCTGACTGAT GACCTGCAAG AGTCATCCAG A

51

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GGAAC TCGAG CACGTCGTCG GGGGACCCAA GATCACCGGC GCCCTCTGGT

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<223> Accession number cg43948890

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<210> 646

<211> 50

<212> DNA

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<221> misc_feature

<222> (0)...(0)

<223> Accession number cg43948890

<400> 646

TCCCGGGGGA GGGGGCCCTG TAAGGAAACC AGACAATCCC ATGAGACTCC

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<210> 647

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<212> DNA

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<222> (25)...(26)

<223> Nucleotide deleted between bases 25 and 26

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<223> Accession number cg43917524

<400> 647
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<210> 648
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<221> misc_feature
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CTCTCGGCAC TGGTGACTGG CGAGAGCCTG GAGCGGCTTC GGAGAGGGCT A

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<210> 649
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TCGTGGCCAG GTCCTTCTGC GTAAGCCCTT GCTCTGCCGA CCTTGCTGGA

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<223> Accession number cg44010855

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TCCAAATGCA AGTGCTCCCG GAAGGACCCA AGATCCGCTA CAGCGACGTG

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<210> 652
<211> 14
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<222> (7)...(0)
<223> cSNP translation

<400> 652
Pro Ala Glu Lys Asp Ala Val Pro Gln Thr Phe Ser Val Leu
1 5 10

<210> 653
<211> 14
<212> PRT
<213> Homo sapiens

<220>
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<222> (7)...(0)
<223> cSNP translation

<400> 653
Arg Leu His Arg Leu Arg Gly Glu Gln Met Ala Ser Tyr Phe
1 5 10

<210> 654
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<213> Homo sapiens

<220>

<221> VARIANT

<222> (7)...(0)

<223> cSNP translation

<400> 654

Gly	Ala	Pro	Leu	Tyr	Met	Asp	Ser	Arg	Ala	Asp	Arg	Lys	Leu
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<210> 655

<211> 14

<212> PRT

<213> Homo sapiens

<220>

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<222> (7)...(0)

<223> cSNP translation

<400> 655

Gln	Ala	Gly	Thr	Thr	Leu	Asp	Leu	Asp	Leu	Gly	Gly	Lys	His
1				5					10				

<210> 656

<211> 14

<212> PRT

<213> Homo sapiens

<220>

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<222> (7)...(0)

<223> cSNP translation

<400> 656

Lys	Cys	Glu	Cys	Ser	Arg	Ala	Tyr	Gln	Met	Asp	Leu	Ala	Thr
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<210> 657

<211> 14

<212> PRT

<213> Homo sapiens

<220>

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<222> (7)...(0)

<223> cSNP translation

<400> 657

Asp	Val	Arg	Gly	Asn	Leu	Lys	Gly	Asn	Thr	Glu	Gly	Leu	Gln
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<210> 658

<211> 14

<212> PRT

<213> Homo sapiens

<220>
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<222> (7)...(0)
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<400> 658
Val Pro Leu Glu Thr Pro Arg Val His Ser Arg Ala Pro Ser
1 5 10

<210> 659
<211> 14
<212> PRT
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<220>
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<400> 659
Pro Phe Gly Val Ile Val Arg Arg Gln Leu Asp Gly Arg Val
1 5 10

<210> 660
<211> 14
<212> PRT
<213> Homo sapiens

<220>
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<400> 660
Trp Gly Lys Glu Pro Lys Leu Glu Ser Ala Trp Met Asn Gly
1 5 10

<210> 661
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<213> Homo sapiens

<220>
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<400> 661
Ser Arg Gly Tyr Arg Asn Arg Arg Ser Ser Arg Glu Thr Arg
1 5 10

<210> 662
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<220>
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<400> 662
Gly Ala Met Leu Leu Asn Ile Ser Gly His Val Lys Glu Ser
1 5 10

<210> 663
<211> 14
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<400> 663
Gln Gly Gly Lys Leu Ser Val Val Leu Arg Ala Glu Asp Ile
1 5 10

<210> 664
<211> 14
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<400> 664
Pro Gly Asp Ile Ser Arg Leu Leu Glu Phe Thr Lys Ala His
1 5 10

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<400> 665
Val Val Ile Pro Ser Asp Phe Phe Gln Ile Val Gly Gly Ser
1 5 10

<210> 666
<211> 14
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<220>

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<222> (7)...(0)
<223> cSNP translation

<400> 666
Lys Arg Lys Leu Phe Ile Arg Ser Met Gly Glu Gly Thr Ile
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<210> 667
<211> 14
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<213> Homo sapiens

<220>
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<400> 667
Glu Gln Ala Arg Gln Gly Leu Lys Gly Leu Glu Glu Thr Val
1 5 10

<210> 668
<211> 14
<212> PRT
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<220>
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<400> 668
Cys End Ala Gln Ser Val Ile Ser Cys Pro End Ala Pro Gln
1 5 10

<210> 669
<211> 14
<212> PRT
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<400> 669
Ser Phe Leu Ile Ser Pro Leu Thr Pro Ala His Ala Gly Thr
1 5 10

<210> 670
<211> 14
<212> PRT
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<220>
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<222> (7)...(0)
<223> cSNP translation

<400> 670
Trp Cys Ser Lys Lys Lys Asp Ala Ala Val Met Asn Gln Glu
1 5 10

<210> 671
<211> 14
<212> PRT
<213> Homo sapiens

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<400> 671
Val Ala Leu Pro Gln Pro Leu Gly Val Pro Asn Glu Ser Gln
1 5 10

<210> 672
<211> 14
<212> PRT
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<220>
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<400> 672
Gly Ile Gln Asn Lys Glu Val Glu Val Arg Ile Phe His Cys
1 5 10

<210> 673
<211> 14
<212> PRT
<213> Homo sapiens

<220>
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<400> 673
Val Asp Asn Ile Arg Ser Val Phe Gly Asn Ala Val Ser Arg
1 5 10

<210> 674
<211> 14
<212> PRT
<213> Homo sapiens

<220>
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<223> cSNP translation

<400> 674

Leu Thr Ile Gln Leu Ile Glu Asn His Phe Val Asp Glu Tyr
1 5 10

<210> 675

<211> 14

<212> PRT

<213> Homo sapiens

<220>

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<222> (7)...(0)

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<400> 675

Tyr Gly Ile Pro Phe Ile Gln Thr Ser Ala Lys Thr Arg Gln
1 5 10

<210> 676

<211> 14

<212> PRT

<213> Homo sapiens

<220>

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<222> (7)...(0)

<223> cSNP translation

<400> 676

Ser Ala Ser Lys Gln Ala Val Arg Pro Val Leu Ala Thr Thr
1 5 10

<210> 677

<211> 14

<212> PRT

<213> Homo sapiens

<220>

<221> VARIANT

<222> (7)...(0)

<223> cSNP translation

<400> 677

Tyr Cys Met Val Phe Leu Ala Leu Tyr Val Gln Ala Arg Leu
1 5 10

<210> 678

<211> 14

<212> PRT

<213> Homo sapiens

<220>

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<222> (7)...(0)

<223> cSNP translation

<400> 678
Val Gly Thr Tyr Arg Cys Val Pro Gly Lys Lys Gly Gly Tyr
1 5 10

<210> 679
<211> 14
<212> PRT
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<220>
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<400> 679
Gly Arg Ala Thr Ser Gly Ser Glu His Gln Phe Cys Gly Gly
1 5 10

<210> 680
<211> 14
<212> PRT
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<400> 680
Gly Glu Trp Ile Thr Val Asp Gln Thr Thr Thr Ala Asn Arg
1 5 10

<210> 681
<211> 14
<212> PRT
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<220>
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<400> 681
Pro Glu Leu Val Leu Glu Leu Pro Ile Arg His Pro Lys Phe
1 5 10

<210> 682
<211> 14
<212> PRT
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<400> 682
Glu Trp Phe Lys Asp Leu Ala Leu Lys Trp Tyr Gly Leu Pro
1 5 10

<210> 683
<211> 14
<212> PRT
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<220>
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<400> 683
Tyr Ile Thr Gly Asp Arg Gly Tyr Met Asp Lys Asp Gly Tyr
1 5 10

<210> 684
<211> 14
<212> PRT
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<220>
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<400> 684
Ser Gly Tyr Pro Lys Met Ser Ala His Thr His Ser Ser Phe
1 5 10

<210> 685
<211> 14
<212> PRT
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<400> 685
Val Val Lys Ala Phe Val Ile Leu Ala Ser Gln Phe Leu Ser
1 5 10

<210> 686
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<212> PRT
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<400> 686

Asp Pro Leu Ile Tyr Ala Phe Arg Ser Gln Glu Met Arg Lys
1 5 10

<210> 687
<211> 14
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<400> 687
Leu Ala Thr Leu Pro Glu Tyr Val Val Tyr Lys Pro Gln Met
1 5 10

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<400> 688
Leu Ala Pro Gln Gln Arg Val Ala Pro Gln Gln Lys Arg Ser
1 5 10

<210> 689
<211> 14
<212> PRT
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<223> cSNP translation

<400> 689
Leu Tyr Arg Asp Ile Phe Glu His Leu Arg Asp Glu Ser Gly
1 5 10

<210> 690
<211> 14
<212> PRT
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<400> 690
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<210> 691
<211> 14
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<213> Homo sapiens

<220>
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<222> (7)...(0)
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<400> 691
Leu Thr Met Val Thr Leu Val Thr Leu Pro Leu Leu Phe Leu
1 5 10

<210> 692
<211> 14
<212> PRT
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<220>
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<400> 692
Arg Ala Leu Tyr Leu Leu Ile Arg Arg Val Leu His Leu Gly
1 5 10

<210> 693
<211> 14
<212> PRT
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<220>
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<400> 693
Glu Glu Ala Met Asn Ala Val Tyr Ser Gly Tyr Val Tyr Thr
1 5 10

<210> 694
<211> 14
<212> PRT
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Ser Ala Ala Ser Tyr Asn Val Lys Thr Ala Tyr Arg Lys Tyr
1 5 10

<210> 695
<211> 8
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<220>
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Glu Ser Thr Thr Val Gly Ser Ser
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<210> 696
<211> 14
<212> PRT
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Gln Gln Trp Ser Glu His His Ala Phe Leu Ser Gln Gly Ser
1 5 10

<210> 697
<211> 14
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<400> 697
Asp Asn Phe Ser Val Thr Glu Val Pro Phe Thr Glu Ser Ala
1 5 10

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<400> 698
Pro Gly Arg Arg Gln Arg Leu Thr Met Ala Ile Arg Thr Val
1 5 10

<210> 699
<211> 14
<212> PRT
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<220>
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<400> 699
Leu Ala Gly Lys Val Ala Gln Val Lys Lys Asn Gly Arg Ile
1 5 10

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<400> 700
Leu Glu Asn Gln Lys Lys Val Arg Lys Lys Lys Val Leu Ile
1 5 10

<210> 701
<211> 14
<212> PRT
<213> Homo sapiens

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<222> (7)...(0)
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<400> 701
Val Ser Asp Glu Glu Leu Asp Gln Met Leu Asp Ser Gly Gln
1 5 10

<210> 702
<211> 14
<212> PRT
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<220>
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<222> (7)...(0)
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<400> 702
Trp Leu Gly Phe Asn Lys Gln Arg Gly His Leu Gln Ile Ala
1 5 10

<210> 703

<211> 14
<212> PRT
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<220>
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<400> 703
Glu Pro Glu Cys Arg Glu Val Phe His Arg Arg Ala Arg Ala
1 5 10

<210> 704
<211> 14
<212> PRT
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<220>
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<222> (7)...(0)
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<400> 704
Leu Pro Cys Gly Pro Gly Val Lys Gly Arg Cys Phe Gly Pro
1 5 10

<210> 705
<211> 14
<212> PRT
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<400> 705
Ser Ala Met Asp Thr Arg Leu Leu Cys Cys Ala Val Ile Cys
1 5 10

<210> 706
<211> 14
<212> PRT
<213> Homo sapiens

<220>
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<400> 706
Asn Thr Arg Leu Leu Cys His Val Met Leu Cys Leu Leu Gly
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<210> 707
<211> 14

<212> PRT
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<400> 707
Gln Thr Gly Asp Ser Ala Ile Tyr Leu Cys Ala Val Glu Ala
1 5 10

<210> 708
<211> 14
<212> PRT
<213> Homo sapiens

<220>
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<400> 708
Val Tyr Leu Cys Ala Val Asp Ala Tyr Ser Asn Asp Tyr Lys
1 5 10

<210> 709
<211> 14
<212> PRT
<213> Homo sapiens

<220>
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<400> 709
Gln Lys Gln Met Glu Leu Asp Ser Ile Leu Val Ala Leu Leu
1 5 10

<210> 710
<211> 14
<212> PRT
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<223> cSNP translation

<400> 710
Gly Ser Thr Val Ile Ala Gly Ser Ile Asn Ala His Gly Ser
1 5 10

<210> 711
<211> 14
<212> PRT

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<222> (7)...(0)

<223> cSNP translation

<400> 711

Pro Val Met Gly Leu Met Ile Tyr Met Met Val Met Asp His

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<210> 712

<211> 14

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<223> cSNP translation

<400> 712

Ser Ser Gln Asp Pro Ala Ser Val Arg Glu Cys His Asp Pro

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<210> 713

<211> 14

<212> PRT

<213> Homo sapiens

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<222> (7)...(0)

<223> cSNP translation

<400> 713

Val Leu Leu Leu Leu Gly Ala Cys Ala Ala Pro Pro Ala Trp

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<210> 714

<211> 14

<212> PRT

<213> Homo sapiens

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<221> VARIANT

<222> (7)...(0)

<223> cSNP translation

<400> 714

Ser Leu Pro Tyr Ala Val Ala Pro Leu Ser Leu Pro Arg Gly

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<210> 715

<211> 14

<212> PRT

<213> Homo sapiens

<220>
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<223> cSNP translation

<400> 715
Tyr Gly Pro Gln Cys Gln Leu Val Ile Gln Cys Glu Pro Leu
1 5 10

<210> 716
<211> 14
<212> PRT
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<220>
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<400> 716
Thr Met Asp Cys Thr His Ser Leu Gly Asn Phe Ser Phe Ser
1 5 10

<210> 717
<211> 14
<212> PRT
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<400> 717
Gly Thr Thr Glu Thr Gly Gly Gln Gly Lys Gly Thr Ser Lys
1 5 10

<210> 718
<211> 14
<212> PRT
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<220>
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<400> 718
Cys Asn Gly Val Ala Val Cys Ser Asn Gln Asp Leu Ile Thr
1 5 10

<210> 719
<211> 14
<212> PRT
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<220>
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<400> 719
Leu Val Ser Tyr Cys Pro Arg Arg Leu Gln Gln Leu Leu Pro
1 5 10

<210> 720
<211> 14
<212> PRT
<213> Homo sapiens

<220>
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<400> 720
Arg Pro Gly Ser Pro Glu Gly Pro Leu Gly Pro Gly Gly Pro
1 5 10

<210> 721
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Gly Gly Gln Pro Cys Thr Ala Pro Leu Val Ala Phe Gln Pro
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<210> 746
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<400> 754
Pro Tyr Arg Ile Ala His Ala Val Ile Lys Ala His Ala Arg
1 5 10

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Phe Ser Tyr Ser Ala Ser Ser Thr
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<400> 768

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<400> 769

Gln	Ser	Val	Val	Ser	Cys	Ala	End	Ala	Pro	Gln	Ser	Gly	Leu
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<213> Homo sapiens

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<223> cSNP translation

<400> 770

Pro	Gly	Pro	Thr	Val	Arg	Ala	Gly	Glu	Asn	Val	Thr	Leu	Ser
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<211> 14

<212> PRT

<213> Homo sapiens

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<222> (7)...(0)

<223> cSNP translation

<400> 771

Cys	Ser	Gly	Val	Trp	Gly	Ala	Asp	Thr	Glu	Glu	Arg	Leu	Val
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1 5 10

<210> 773
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Leu Leu Arg His Glu Trp Gln Gly Tyr Gln Lys Trp Val Arg
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Gly Phe His Tyr Gly Val Leu Ala Cys Glu Gly Cys Lys Gly
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1 5 10

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1 5 10

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Leu Val Val Val Gly Ala Cys Gly Val Gly Lys Ser Ala Leu
1 5 10

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1 5 10

<210> 780
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1 5 10

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1 5 10

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1 5 10

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1 5 10

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<222> (7)...(0),
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<212> PRT
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<400> 787
Glu Thr Gln Leu Gly Thr Leu Ala Gln Phe Pro Asn Thr Leu
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<210> 788
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<400> 788

Glu Ala Met Glu Arg Phe Gly Glu Asp Glu Gly Phe Ile Lys
1 5 10

<210> 789

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<400> 789

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1 5 10

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<211> 14

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Asp Ala His Phe Asp Glu His Glu Arg Trp Thr Asn Asn Phe
1 5 10

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<211> 14

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1 5 10

<210> 792

<211> 14

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1 5 10

<210> 793
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1 5 10

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1 5 10

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<400> 795
Thr Gly Lys Ile Gln Arg Thr Lys Leu Arg Asp Lys Glu Trp
1 5 10

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<210> 797
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<400> 797
Asn Asn Leu Leu Tyr Ile Thr Pro Glu Ala Phe Gln Asn Leu
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<400> 798
Leu Arg Ile Gln Cys Leu Cys Arg Lys Gln Ser Ser Lys His
1 5 10

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<400> 799
Leu Glu Lys Ile Gln Pro Met Thr Gln Asn Gly Gln His Pro
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<210> 800
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<213> Homo sapiens

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<400> 800

Trp Met Ile Phe Val Val Ile Ala Ser Val Phe Thr Asn Gly
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<400> 801
Ser Ile Asn Leu Phe Ser Gly Ile Phe Phe Leu Thr Cys Met
1 5 10

<210> 802
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Glu Ser Asn Thr Thr Gly Thr Thr Ala Phe Ser Met Pro Ser
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<400> 804
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1 5 10

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<400> 806
Lys Ala Phe Leu Thr Ser His Ser Leu Arg Ile His Val Arg
1 5 10

<210> 807
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Glu Leu Tyr Arg Asp Ile Leu Gln His Leu Arg Asp Glu Ser
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Tyr Val Phe Thr Asp Gln Leu Ala Ala Val Pro Arg Val Thr
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Leu Ser Val Leu Glu Val Gly Ala Tyr Lys Arg Trp Gln Asp
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Val Asp Val Asp Met Glu Ile Arg Asp His Val Gly Val Glu
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Phe Gly Thr Leu His Pro Ser Phe Tyr Gly Ser Ser Arg Glu
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1 5 10

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1 5 10

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<210> 869
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1 5 10

<210> 870
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<210> 874

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<210> 877
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<210> 878
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<210> 879
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<400> 879
Lys Cys Lys Cys Ser Arg Lys Asp Pro Arg Ser Ala Thr Ala
1 5 10

<210> 880
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<223> cSNP translation

<400> 880
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